



Hydrion® Buffer Certification Sheet
 &
Certificate of Traceability and Conformity

pH Value 5.00

Mfg. Lot#	<u>207016</u>	Mfg. Date	<u>March 11,2016</u>
Exp. Date	<u>March 01,2021</u>	Tested By	<u>PARESH SHAH</u>

NIST/IUPAC Standards used for Calibration of pH Meters

Buffer #1 pH	<u>6.865</u>	NIST Standard Reference Materials Used:
		POTASSIUM DIHYDROGEN PHOSPHATE
		(NIST Ref MAT'L No. 186-I-d)
		DISODIUM HYDROGEN PHOSPHATE
		(NIST Ref MAT'L No. 186-II-d)
Buffer #2 pH	<u>4.01</u>	NIST Standard Reference Materials Used:
		POTASSIUM HYDROGEN PHTHALATE
		(NIST Ref MAT'L No.185 f)
		(NIST Ref MAT'L No.)

pH Values Recorded:

pH Meter #1 5.01 pH Meter #2 5.01 pH Meter #3 5.00

Temperature of Buffer Solution Tested: 25° C

Buffer Powder Used For	Amount Used	Date Used	Sample Weight
<input checked="" type="checkbox"/> Chemvelopes	<u> </u>	<u> </u>	<u>5.03 GRAMS</u>
<input checked="" type="checkbox"/> Capsules	<u> </u>	<u> </u>	<u>1.00 grams</u>

This certificate is to certify that the above buffer salt here-in described has been analyzed with and/or compared to appropriate National Institute of Standards and Technology and IUPAC reference materials. The buffer salt tested is certified in accordance with MIL-STD-45662.

Certified By Paresh shah Signature Shah P Date: 03--11-2016